

Substitute for form 1449A/PTO
(Revised 10/2001)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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APR 08 2002

Complete if Known

Application Number	09/973,375
Filing Date	October 9, 2001
First Named Inventor	Stein
Group Art Unit	1614
Examiner Name	Not yet assigned
Attorney Docket Number	07157/239838 (5543-17)

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
SAG	1	US-RE 35,517	05-20-1997	Gee <i>et al.</i>	
	2	US - 4,404,366	09-13-1983	Boguslaski <i>et al.</i>	
	3	US - 5,120,723	06-09-1992	Gee and Bolger	
	4	US - 5,206,415	04-27-1993	Covey <i>et al.</i>	
	5	US - 5,212,167	05-18-1993	Farb	
	6	US - 5,232,917	08-03-1993	Bolger <i>et al.</i>	
	7	US - 5,292,906	03-08-1994	Covey <i>et al.</i>	
	8	US - 5,344,826	09-06-1994	Covey <i>et al.</i>	
	9	US - 5,366,968	11-22-1994	Farb	
	10	US - 5,550,120	08-27-1996	Jackson	
	11	US - 5,728,688	03-17-1998	Labrie	
	12	US - 5,763,431	06-09-1998	Jackson	
	13	US - 5,763,492	06-09-1998	Johnson and Li	
	14	US - 5,767,117	06-16-1998	Moskowitz	
	15	US - 5,780,460	07-14-1998	Labrie	
	16	US - 5,798,347	08-25-1998	Labrie	
	17	US - 5,807,849	09-15-1998	Labrie	
	18	US - 5,824,671	10-20-1998	Labrie	
	19	US - 5,837,544	11-17-1998	Capon <i>et al.</i>	
	20	US - 5,837,700	11-17-1998	Labrie	
	21	US - 5,843,932	12-01-1998	Labrie	
	22	US - 5,872,114	02-16-1999	Labrie	
	23	US - 5,888,996	03-30-1999	Farb	
	24	US - 5,922,700	07-13-1999	Labrie	
	25	US - 5,925,630	07-20-1999	Upasani <i>et al.</i>	

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U. S. PATENT DOCUMENTS

599	26	US - 5,929,061	07-27-1999	Moskowitz	
	27	US - 5,939,545	08-17-1999	Upasani <i>et al.</i>	
	28	US - 5,942,241	08-24-1999	Chasin <i>et al.</i>	
599	29	US - 5,955,455	09-21-1999	Labrie	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code - Number	Kind Code (if known)				
599	30	WO 89/02272		03-23-1989	Gee		
599	31	WO 94/23708		10-27-1994	Denecke		

Examiner Signature	599	Date Considered	4/15/02
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.	T
SAG	32	BENDER, A.S. and M.D., NORENBURG, "Effect of Benzodiazepines and Neurosteroids on Ammonia-Induced Swelling in Cultured Astrocytes," <i>J. Neurosci. Res.</i> , 1998, pp. 673-680, Vol. 54.	
	33	CANONACO, M., <i>et al.</i> , "Steroid Hormones and Receptors of the GABA _A Supramolecular Complex," <i>Neuroendocrinology</i> , 1993, pp. 974-984, Vol. 57.	
	34	CELOTTI, F., <i>et al.</i> , "The 5 α -Reductase in the Brain: Molecular Aspects and Relation to Brain Function," <i>Frontiers in Neuroendocrinology</i> , 1992, pp. 163-215, Vol.13(2).	
	35	FLEMING, G., <i>et al.</i> , "Megestrol Acetate Reverses Multidrug Resistance and Interacts with P-glycoprotein," <i>Cancer Chemother Pharmacol</i> , 1992, pp. 445-449, Vol. 29.	
	36	GEE, K., "Steroid Modulation of the GABA/Benzodiazepine Receptor-Linked Chloride Ionophore," <i>Molecular Neurobiology</i> , 1998, pp. 291-317, Vol. 2.	
	37	HAWKINSON, J., <i>et al.</i> , "Substituted 3 β -Phenylethynyl Derivatives of 3 α -Hydroxy-5 α -pregnan-20-one: Remarkably Potent Neuroactive Steroid Modulators of γ -Aminobutyric Acid _A Receptors," <i>J. Pharmacology and Experimental Therapeutics</i> , 1998, pp. 198-207, Vol. 287(1).	
	38	JIANG, N., <i>et al.</i> , "Progesterone is Neuroprotective after Transient Middle Cerebral Artery Occlusion in Male Rats," <i>Brain Research</i> , 1996, pp. 101-107, Vol. 735.	
	39	LAMBERT, J., <i>et al.</i> , "Neurosteroid Modulation of Native and Recombinant GABA _A Receptors," <i>Cellular and Molecular Neurobiology</i> , 1996, pp. 155-174, Vol. 16(2).	
	40	MAURICE, T., <i>et al.</i> , "Neuroactive Neurosteroids as Endogenous Effectors for the Sigma ₁ (σ_1) Receptor Pharmacological Evidence and Therapeutic Opportunities," <i>Jpn. J. Pharmacol.</i> , 1999, pp. 125-155, Vol. 81.	
	41	MELCANGI, R., <i>et al.</i> , "Steroid Metabolism and Effects in Central and Peripheral Glial Cells," <i>J. Neurobiol.</i> , 1999, pp. 471-483, Vol. 40.	
	42	MONAGHAN, E., <i>et al.</i> , "Initial Human Experience with Ganaxolone, A Neuroactive Steroid with Antiepileptic Activity," <i>Epilepsia</i> , 1997, pp. 1026-1031, Vol. 38(9).	
	43	ROOF, R., <i>et al.</i> , "Progesterone Facilitates Cognitive Recovery and Reduces Secondary Neuronal Loss Caused by Cortical Contusion Injury in Male Rats," <i>Experimental Neurology</i> , 1994, pp. 64-69, Vol. 129.	

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S99	44	ROOF, R., <i>et al.</i> , "Progesterone Protects Against Lipid Peroxidation Following Traumatic Brain Injury in Rats," <i>Molecular and Chemical Neuropathology</i> , 1997, pp. 1-11, Vol. 31.	
	45	ROOF, <i>et al.</i> , "Progesterone Treatment Attenuates Brain Edema Following Contusion Injury in Male and Female Rats," <i>Restorative Neurology and Neuroscience</i> , 1992, pp. 425-427, Vol. 4.	
	46	RUPPRECHT, R., <i>et al.</i> , "Steroid Receptor-Mediated Effects of Neuroactive Steroids: Characterization of Structure-Activity Relationship," <i>Eur. J. of Pharmacology</i> , 1996, pp. 227-234, Vol. 303.	
	47	STRÖHLE, A., <i>et al.</i> , "Concentrations of 3 α -Reduced Neuroactive Steroids and Their Precursors in Plasma of Patients with Major Depression and after Clinical Recovery," <i>Soc. of Biol. Psychiatry</i> , 1999, pp. 274-277, Vol. 45.	
	48	WEAVER, C., <i>et al.</i> , "Neuroprotective Activity of a New Class of Steroidal Inhibitors of the N-methyl-D-aspartate Receptor," <i>Proc. Natl. Acad. Sci. USA</i> , 1997, pp. 10450-10454, Vol. 94.	
S99	49	YU, R., <i>et al.</i> , "Down-Regulation of the GABA Receptor Subunits mRNA levels in Mammalian Cultured Cortical Neurons Following Chronic Neurosteroid Treatment," <i>Molecular Brain Research</i> , 1996, pp. 163-168, Vol. 41.	

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